

# Mariestad: Nautisk skymning/gryning år 2019

	Januari	Februari	Mars	April	Maj	Juni	Juli	Augusti	September	Oktober	November	December
1	07:09 17:07	06:39 17:59	05:35 19:00	05:01 21:18	03:08 23:00	---	---	02:16 00:07 24:00	04:23 21:44	05:41 20:06	05:50 17:46	06:46 17:01
2	07:09 17:08	06:37 18:01	05:32 19:02	04:58 21:21	03:03 23:04	---	---	02:22 23:54	04:26 21:40	05:44 20:03	05:52 17:43	06:47 17:00
3	07:09 17:09	06:35 18:03	05:30 19:05	04:55 21:23	02:59 23:09	---	---	02:29 23:48	04:29 21:37	05:46 20:00	05:54 17:41	06:48 17:00
4	07:09 17:11	06:33 18:05	05:27 19:07	04:51 21:26	02:54 23:13	---	---	02:34 23:42	04:32 21:33	05:48 19:57	05:56 17:39	06:50 16:59
5	07:08 17:12	06:31 18:07	05:24 19:09	04:48 21:29	02:49 23:18	---	---	02:40 23:37	04:35 21:30	05:51 19:54	05:58 17:37	06:51 16:59
6	07:08 17:13	06:29 18:09	05:21 19:12	04:44 21:32	02:44 23:23	---	---	02:45 23:32	04:38 21:26	05:53 19:51	06:00 17:35	06:53 16:58
7	07:07 17:14	06:27 18:11	05:19 19:14	04:41 21:35	02:39 23:29	---	---	02:50 23:27	04:40 21:23	05:55 19:48	06:02 17:33	06:54 16:58
8	07:07 17:16	06:25 18:13	05:16 19:16	04:37 21:38	02:33 23:34	---	---	02:55 23:22	04:43 21:19	05:58 19:45	06:04 17:31	06:55 16:57
9	07:06 17:17	06:23 18:15	05:13 19:19	04:34 21:41	02:28 23:40	---	---	03:00 23:17	04:46 21:16	06:00 19:43	06:06 17:30	06:56 16:57
10	07:06 17:19	06:21 18:17	05:10 19:21	04:30 21:44	02:22 23:46	---	---	03:04 23:12	04:49 21:12	06:02 19:40	06:08 17:28	06:57 16:57
11	07:05 17:20	06:19 18:20	05:07 19:24	04:26 21:47	02:16 23:52	---	---	03:09 23:07	04:52 21:09	06:04 19:37	06:10 17:26	06:59 16:57
12	07:04 17:22	06:17 18:22	05:04 19:26	04:23 21:50	02:09 23:59	---	---	03:13 23:03	04:54 21:06	06:07 19:34	06:12 17:24	07:00 16:57
13	07:04 17:23	06:15 18:24	05:01 19:29	04:19 21:54	02:02 ...	---	---	03:17 22:58	04:57 21:02	06:09 19:32	06:14 17:23	07:01 16:57
14	07:03 17:25	06:12 18:26	04:58 19:31	04:16 21:57	01:55 00:07	---	---	03:21 22:54	05:00 20:59	06:11 19:29	06:16 17:21	07:02 16:57
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19	06:58 17:33	06:01 18:37	04:43 19:43	03:57 22:13	---	---	---	03:40 22:33	05:12 20:43	06:22 19:16	06:25 17:14	07:05 16:58
20	06:57 17:35	05:58 18:40	04:40 19:46	03:53 22:17	---	---	---	03:44 22:29	05:15 20:39	06:24 19:13	06:27 17:12	07:06 16:58
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22	06:54 17:39	05:53 18:44	04:34 19:51	03:45 22:24	---	---	---	03:51 22:21	05:20 20:33	06:28 19:08	06:31 17:10	07:07 16:59
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24	06:51 17:43	05:48 18:49	04:27 19:56	03:37 22:31	---	---	---	03:58 22:13	05:25 20:27	06:33 19:04	06:34 17:07	07:08 17:00
25	06:50 17:45	05:46 18:51	04:24 19:59	03:33 22:35	---	---	---	04:01 22:10	05:27 20:24	06:35 19:01	06:36 17:06	07:08 17:01
26	06:48 17:47	05:43 18:53	04:21 20:02	03:29 22:39	---	---	---	04:04 22:06	05:29 20:21	06:37 18:59	06:38 17:05	07:09 17:01
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28	06:45 17:50	05:38 18:58	04:14 20:07	03:20 22:47	---	---	01:38 00:45	04:11 21:59	05:34 20:15	05:41 17:54	06:41 17:03	07:09 17:03
29	06:44 17:52		04:11 20:10	03:16 22:51	---	---	01:51 00:32	04:14 21:55	05:37 20:12	05:43 17:52	06:42 17:03	07:09 17:04
30	06:42 17:54		04:08 20:12	03:12 22:55	---	---	02:01 00:22	04:17 21:51	05:39 20:09	05:46 17:50	06:44 17:02	07:09 17:05
31	06:40 17:57		05:05 21:15		---		02:08 00:14	04:20 21:47		05:48 17:48		07:09 17:06

Framtagen av André Franke, meteorolog och amatörastronom, [www.astroinfo.se](http://www.astroinfo.se)

... : Fenomenet inträffar först nästa dag.

--- : Fenomenet utgår därför att solen aldrig når så långt under horisonten.

Två tider/uppgifter samma dag betyder att fenomenet inträffar två gånger samma dag. Detta kan hända vid enstaka fall i hela Sverige.